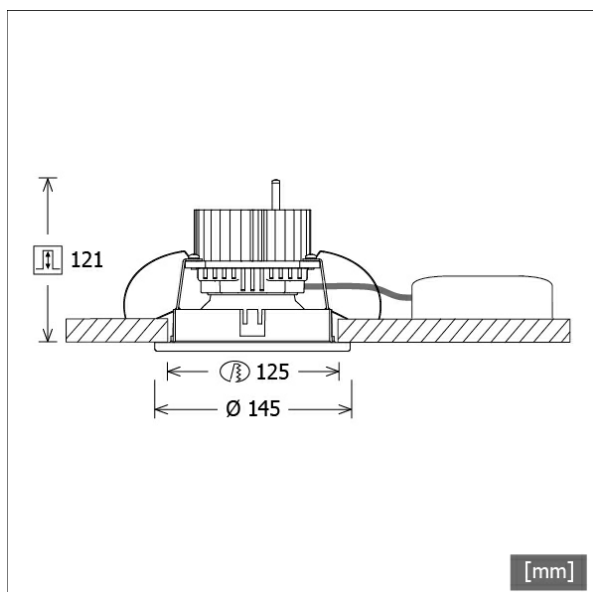


# ECL 10.1140.01



Colours	Article no.	EAN
	635803	4043544382832



## Description

- recessed downlight for general lighting
- basic luminaire without flange (flange with bayonet catch to be ordered separately)
- luminaire can be expanded with different optic decor rings and glasses
- outstanding ease of maintenance
- no UV and thermal emissions
- thermal management with passive cooling (heat sink made from aluminium)
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- recessed ring made from black polycarbonate
- tool-free ceiling mounting via quick-action clamping springs (automatic adjustment of the ceiling thickness)
- connection to ballast via pre-fitted luminaire cable
- ballast (LED converter) included (external placement)

## Notes

concrete casting surround available on demand.

## Standard options



## Special options



## Lighting data / Norms

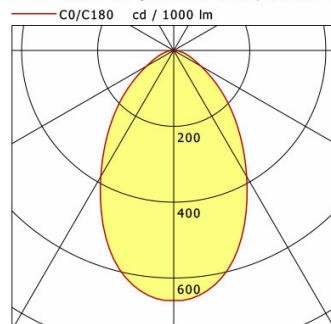
Lamps	LED Modul / CRI 80 / 4000 K
EPREL light sources	891017
	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
Lifetime	
System power	11.0 W
Luminaire luminous flux	max. 1060 lm
System efficiency	78.18 lm/W
Module efficiency	122.35 lm/W
UGR class	≤25
Beam angle	65°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	III
Type of protection	IP20

## Dimensions / Weights

Outer diameter	145 mm
Height	128 mm
Cut-out (Ø)	125 mm
Ceiling thickness	10.0 - 25.0 mm
Recessed depth	121 mm
Net weight	0.70 kg
Gross weight	0.84 kg

# ECL 10.1140.01

Edel+Stahl 10 (ECZLED 1.12, 1xLED 11W 840/4000K 860lm 65 °)



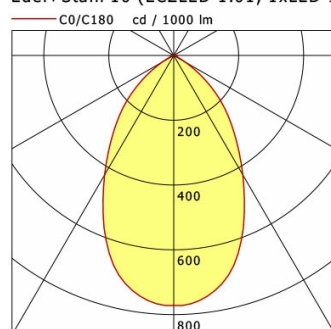
	C0	C90	C180	C270
0°	659	659	659	659
15°	583	583	583	583
30°	384	384	384	384
45°	208	208	208	208
60°	83	83	83	83
75°	30	30	30	30
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.07	63.0
6.0	8.15	15.7
9.0	12.22	7.0
12.0	16.30	3.9
15.0	20.37	2.5

<b>η</b>	LED
Efficiency	78 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	24.5
UGR C90/C270	24.5
CIE Flux Codes	66 90 98 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.01, 1xLED 11W 840/4000K 1060lm 65 °)



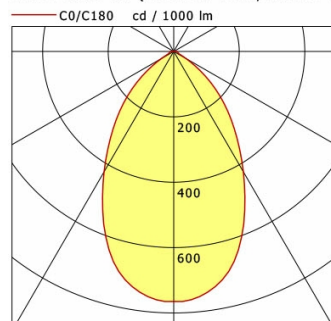
	C0	C90	C180	C270
0°	772	772	772	772
15°	687	687	687	687
30°	426	426	426	426
45°	213	213	213	213
60°	41	41	41	41
75°	12	12	12	12
90°	1	1	1	1

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.80	90.9
6.0	7.61	22.7
9.0	11.41	10.1
12.0	15.22	5.7
15.0	19.02	3.6

<b>η</b>	LED
Efficiency	96 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.4
UGR C90/C270	22.4
CIE Flux Codes	74 96 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.10, 1xLED 11W 840/4000K 990lm 65 °)



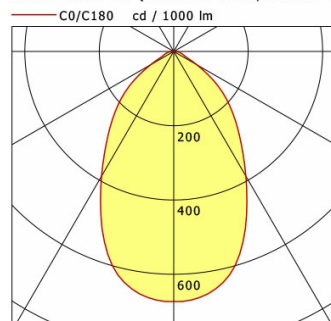
	C0	C90	C180	C270
0°	765	765	765	765
15°	682	682	682	682
30°	425	425	425	425
45°	209	209	209	209
60°	44	44	44	44
75°	14	14	14	14
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	3.83	84.1
6.0	7.66	21.0
9.0	11.49	9.3
12.0	15.33	5.3
15.0	19.16	3.4

<b>η</b>	LED
Efficiency	90 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	22.3
UGR C90/C270	22.3
CIE Flux Codes	74 95 99 100 100
Ra/CRI	>80

LTS

Edel+Stahl 10 (ECZLED 1.11, 1xLED 11W 840/4000K 930lm 65 °)



	C0	C90	C180	C270
0°	673	673	673	673
15°	610	610	610	610
30°	388	388	388	388
45°	218	218	218	218
60°	72	72	72	72
75°	22	22	22	22
90°	0	0	0	0

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	4.01	69.6
6.0	8.02	17.4
9.0	12.03	7.7
12.0	16.04	4.3
15.0	20.05	2.8

<b>η</b>	LED
Efficiency	85 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	11 W
<b>UGR</b>	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	23.9
UGR C90/C270	23.9
CIE Flux Codes	67 92 98 100 100
Ra/CRI	>80

LTS

# ECL 10.1140.01

## Accessories



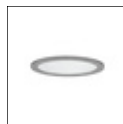
**ECZLED 1.01**  
flange without glass



**ECZLED 1.10**  
flange with clear glass pane  
(inside)



**ECZLED 1.11**  
flange with partially frosted glass pane  
(inside)



**ECZLED 1.12**  
flange with frosted glass pane  
(inside)



**ECZLED 1.21**  
flange with satinated glass ring  
(protruding)



**ECZLED 1.40**  
light effect ring without glass



**ECZLED 1.41**  
light effect ring with clear glass pane  
(inside)



**ECZLED 1.42**  
light effect ring with frosted glass pane  
(inside)



**NOL 50B/3H/DALI**  
LED emergency light-unit



**ZDAR 125.145-205**  
compensation ring for ceiling cut-outs from 145 to  
205 mm



**ZVP 100**  
universal reinforcement frame  
(module 625 x 625)